

After the title of the invention, please insert

AI --This is a continuation application of application number 09/568, 106, filed May 10, 2000, which is a continuation of provisional application 60/133,761 filed May 12, 1999.

STATEMENT OF GOVERNMENT SUPPORT

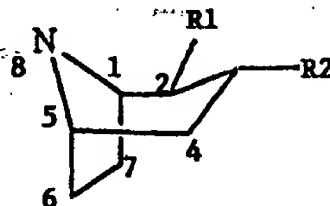
This invention was made with government support under Grant Numbers DA06303 and DA11558 awarded by the NIH/NIDA. The government has certain rights in the invention.--

IN THE CLAIMS:

Please cancel claims 1-21.

Please add the following new claims:

22 --1. A compound having the following structural formula:



wherein R_1 is α or β and is selected from COOR^a , COR^a , and $\text{CON}(\text{CH}_3)\text{OR}^a$;

R_2 is α and is selected from $\text{C}_6\text{H}_4\text{X}$, $\text{C}_6\text{H}_3\text{XY}$, $\text{C}_{10}\text{H}_7\text{X}$, and $\text{C}_{10}\text{H}_6\text{XY}$;

R^a is a $\text{C}_1 - \text{C}_5$ alkyl;

X and Y are independently selected from R^a , H, Br, Cl, I, F, OH, and OCH_3 ;

wherein the compound is in the 1R or 1S configuration;

and wherein N_8 is substituted with either H or CH_3 .

23 ~~2~~. The compound according to claim 1, wherein R^a is methyl.

24 ~~3~~. The compound according to claim 1, wherein R^a is ethyl.

25 ~~4~~. The compound according to claim 1, wherein R^a is propyl.

26 ~~5~~. The compound according to claim 1, wherein R^a is isopropyl.

27 ~~6~~. The compound according to claim 1 selected from the group consisting

of:

- a. (1R)-2β-methoxycarbonyl-3α-(3,4-dichlorophenyl)-8-azabicyclo[3.2.1]octane;
- b. (1R)-2β-methoxycarbonyl-3α-(4-fluorophenyl)-8-azabicyclo[3.2.1]octane;
- c. 2β-(Carboxylic acid)-3α-(4-fluorophenyl)tropane;
- d. 2β-(Carboxylic acid)-3α-(3,4-dichlorophenyl)tropane;
- e. 2β-Methoxymethylcarbamoyl-3α-(4-fluorophenyl)tropane;
- f. 2β-Methoxymethylcarbamoyl-3α-(3,4-dichlorophenyl)tropane;
- g. 2β-(1-Propanoyl)-3α-(4-fluorophenyl)-tropane;
- h. 2β-(1-Propanoyl)-3α-(3,4-dichlorophenyl)tropane;
- i. 2β-(1-Propanoyl)-3α-(4-fluorophenyl)nortropane;
- j. 2β-(1-Propanoyl)-3α-(3,4-dichlorophenyl)nortropane;
- k. 2β-(Methoxymethylcarbamoyl-3α-(4-fluorophenyl)nortropane;
- l. 2β-(Carboxymethoxymethylamide)-3α-(4-fluorophenyl)nortropane;